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### System and method of voice recognition **near** a wireline node of a network supporting cable television and/or video delivery

T Calderone, PM Cook... - US Patent App. 11/283,176, 2005 - Google Patents

... 13,2006 (54) SYSTEM AND METHOD OF VOICE RECOGNITION **NEAR** A WIRELINE NODE

OF A NETWORK SUPPORTING CABLE TELEVISION ... 1 ODD ^°00 1100 J 1200% D°DL I I \_T

1300, HFCoax — OPTICAL NODE SPEECH RECOGNITION **PROCESSOR** SYSTEM 3200 ...

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### An overview of the BlueGene/L supercomputer

[\[HTML\] from computer.org](#)

NR Adiga, G Almási, GS Almási... - ACM/IEEE 2002 ..., 2002 - [ieeexplore.ieee.org](#)

... The compute node kernel handles basic communication **tasks** and all the functions necessary for high ... **Table 1**: Uncorrectable hard failure Rates of BlueGene/L by major component ... with the mode specified in the PowerPC defined floating-point status and control **register** (FPSCR ...

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### [PDF] Redundancy for Epics IOCs

[\[PDF\] from cern.ch](#)

M Clausen... - Proceedings of ICALEPCS07, Knoxville, USA - [accelconf.web.cern.ch](#)

... In case of redundancy the PRR calls rmtRegisterDriver() with the address of the entry **table** as an argument. ... Scan **tasks** The periodic scan **tasks register** normally at the RMT during their initialization. ... Under vxWorks one **task** is spawned for each state set. ...

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... In case of redundancy the PRR calls rmtRegisterDriver() with the address of the entry **table** as an argument. ... Scan **tasks**. The periodic scan **tasks register** normally at the RMT during their initialization. ... Under vxWorks one **task** is spawned for each state set. ...

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### Selective device reset method for device sharing with **fail-over**

DE Bohm, EC Kissel... - US Patent App. 11/008,399, 2004 - Google Patents

... 15,2006 (54) SELECTIVE DEVICE RESET METHOD FOR DEVICE SHARING WITH **FAIL-OVER**

(75) Inventors: David E. Bohm, Tucson, AZ (US); Erick C. Kissel, Tucson, AZ (US); Jeou ... 2006

Sheet 9 of 9 US 2006/0129666 A1 Ed Bi i CA5 O OI >• e c ^^ c jj> c c f^ JT **TABLE** S O r ...

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### Redundant control architecture for a network device





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### Scheduling algorithms for multiprogramming in a hard-real-time environment

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CL Liu... - Journal of the ACM (JACM), 1973 - portal.acm.org

... 3. For a set of **two tasks** with fixed priority assignment, the least upper bound to the **processor** utilization factor is  $U$  ... Let  $r_1$  and  $r_2$  be **two tasks** with their periods being  $T_1$  and  $T_2$  and their run-times being  $C_1$  and  $C_2$  ... Journal of the **Association** for Computing Machinery, Vol, 20, No. ...

[Cited by 6722](#) - [Related articles](#) - [All 104 versions](#)

### On scheduling **tasks** with a quick recovery from **failure**

CM Krishna... - Computers, IEEE Transactions on, 2006 - ieeexplore.ieee.org

... **Tasks** are run periodically, and each release of a **task** is called a version. ... The multiple copies of versions are called clones. There are **two** types of clones: primary and ghost. ... Each ghost clone of version  $j$  has a notification time,  $v_j$ , **associated** with it. After this time, the ...

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### Backup fault tolerant computer system

SD Glazer, J Baumbach, A Borg... - US Patent 4,590,554, 1986 - Google Patents

... time of starting or from the time of the last synchro- nization had emitted **two** messages. Therefore, the **task 5 processor 22** in the course of processing, when it reaches the first time ... TABLE VI 20 There has thus been described the fundamental oper- 2J ations **associated** with the ...

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### A software architecture for multidisciplinary applications: Integrating **task** and data parallelism

[\[PDF\] from dlc.mil](#)

B Chapman, P Mehrotra, J Van Rosendale... - ... Processing: CONPAR 94 ..., 1994 - Springer

... The follow- ing code fragment declares **two** objects of type stack (see Section 3.1): SDA (stack) OF ... SDA (stack) OF TYPE(nser\_type) :: user\_stack The of-clause provides a type name to be **associated** with the ... Only the **task** declaring an SDA vari- able can initialize the variable. ...

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### Misconceptions about real-time computing: A serious problem for next-generation systems

JA Stankovic - Computer, 2002 - ieeexplore.ieee.org

... no provisions to support reasoning about time and reliability abstractions, **two** vital aspects of real ... as ma i y jobs as possi- ble, subject to meeting the **task** timing requirements ... One primary measure of a scheduling algorithm is its **associated processor** utili- zation level below which ...

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### Hybrid scheduling for the parallel solution of linear systems

[\[PDF\] from psu.edu](#)

PR Amesjoy, A Guermouche, JY L'Excellent... - Parallel computing, 2006 - Elsevier

... to as load  $i$ , that corresponds to the computational work (number of floating-point operations)

**associated** with: • each **task** ... The dynamic scheduling decision taken by the master **processor**

of a type 2 **task** is then guided by its view of the workload of its candidate **processors**. ...

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### Fault tolerant load management system and method

C Dwork, JY Halpern... - US Patent 5,727,210, 1998 - Google Patents

... The controller further includes a scheduler, which is the processing system might include **two**

or more ... 2J selected by other **processors**, are to be executed by its available **tasks** to the ... Thus,

if one of the pro- **associated processor**, and schedules the selected **tasks** for cessors fails ...

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### A combinatorial characterization of the distributed **tasks** which are solvable in the presence of one faulty **processor**

O Biran, S Moran... - Proceedings of the seventh annual ACM ..., 1988 - portal.acm.org

... (3) Order Preserving Renaming (OPR) [ABDKPR]: This **task** is defined for a given integer  $K$ , where

$K \geq 2$  IV. The input set  $X_r$  is the set of all vectors  $(x_i, + \dots$  ... A protocol for a given network is a set of

$N$  programs, each **associated** with a single **processor** in the network. ...

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### Reaching agreement on **processor**-group membership in synchronous distributed systems

[\[PDF\] from psu.edu](#)

F Cristian - Distributed Computing, 1991 - Springer

... that batches all "present" messages broadcast for identical view times  $V$  into one message (1.12)

containing  $V$  and the set  $M = \text{MEMBERS}(V)$  of **processors** who have ... 4.1 introduces **two** kinds of

complica- tions. A minor one is in the computation of **task** start times and delays. ...

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### Method and apparatus for allocating **tasks** to remote networked **processors**

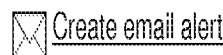
T Downis... - US Patent 6,112,243, 2000 - Google Patents

... 2 illustrates a simplified block diagram of the resource allocator 14, configured in accordance

with the ... software code that under the direction of the allocation unit 36 transfers the **task** to the ...

provider 16 is accepted, the appli- cation unit 40 adds the information **associated** with the ...

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